

LOOS, Jaroslav

Thermal balance of the continuous malting process. Kvasny prum
9 no.7:165-167 JI '63.

1. Potravinoprojekt, Praha.

LOOS, Jaroslav

Vapor condensers in brewing houses. Kvasny prum 9 no. 12:
281-283 D '63.

1. Potravinoprojekt, Praha.

ACCESSION NR: AP4041975

.Z/0055/64/014/007/0501/0509

AUTHOR: Loos, J.

TITLE: Excitation of spin waves during ferromagnetic resonance

SOURCE: Chekhoslovatskiy fizicheskiy zhurnal, v. 14, no. 7, 1964, 501-509

TOPIC TAGS: spin wave excitation, ferromagnetic resonance, Suhl nonlinear coupling, homogeneous precession

ABSTRACT: A classical solution of a nonlinear equation for excitation of spin waves by homogeneous precession during ferromagnetic resonance has been obtained. The solution takes into account the back-effect of the excited spin waves on the establishment of a stationary state. The nonlinear coupling between homogeneous precession and a pair of spin waves $+k$ is taken as a basic interaction, while the direct interaction of spin waves $k \neq 0$ between themselves is not considered. The influence of the excited spin waves on their own frequencies (i.e., a certain back-effect of spin waves on their excitation) is also included. A deformation of the spin-wave resonance curves which causes hysteresis and discontinuities in the

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ACCESSION NR: AP4041975

excitation of spin waves was found to be the consequence of the back-effect. From the solution it is also apparent that for values of the homogeneous precession amplitude higher than the Suhl critical value, the resonance curve splits into two curves, i.e., two groups of spin waves are excited. These two groups differ in frequency by a value of the same order as their relaxation frequency. Orig. art. has: 2 figures and 28 formulas.

ASSOCIATION: Institute of Solid State Physics, Czech. Acad. Sci, Prague

SUBMITTED: 22Oct63

ATD PRESS: 3063

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NO REF SOV: 000

OTHER: 003

Card 2/2

LOOS, J.

Excitation of spin waves during ferromagnetic resonance.
Chekhosl fiz zhurnal 14 no. 7:501-509 '64.

1. Institute of Solid State Physics, Czechoslovak Academy of
Sciences, Prague 6, Cukrovarnicka 10.

1900, S. M.

"Investigation of the Kinetics and Mechanism of Oxidation of Methyl Alcohol." Cand Chem Sci, Inst of Physical Chemistry imeni L. V. Pisarshevskiy, Acad Sci Ukrainian SSR, 31 Sep 54. (PL, 21 Sep 54)

SO: Sum 432, 29 Mar 55

LOOS, S.M.; POLYAKOV, M.V.

Study of the oxidation kinetics and oxidation mechanism of methyl alcohol in the absence of a catalyst. Part 1. Ukr. khim. zhur. (MIRA 11:6)
24 no. 2:190-197 '58.

1. Institut fizicheskoy khimii im. L.V.Pisarzhevskogo AN URSR.
(Methanol)
(Oxidation)
(Chemical reaction, Rate of)

LOOS, S.M.; POLYAKOV, M.V.

Oxidation kinetics and mechanism of methyl alcohol in the presence of
platinum. Ukr. khim. zhur. 24 no.3:305-311 '58. (MIRA 11:9)

1. Institut fizicheskoy khimii im. L.V. Pisarzhevskogo AN USSR.
(Methanol) (Oxidation)

SZEGO, Laszlo, dr.; LOOS, Tibor, dr.; STAUD, Jozef, dr.

Experience with griseofulvin therapy in a hospital epidemic of
Trichophyton infection. ~~Gyermekgyógyászat~~ 13 no.2:41-47 F '62.

1. Szabolcs-Szatmar megyei Tanács Kórháza (Igazgató: Lengyel Ferenc
dr.) Gyermekbőrgyógyászati Osztály (Főorvos: Loos Tibor dr.) és Bőrgyógyászati
osztályának (Főorvos: Szego Laszlo dr.) közleménye, Nyíregyháza.
(HOSPITALS) (RINGWORM ther)
(GRISEOFULVIN ther)

LOOS, Tibor, Dr.; LORINCZY, Margit, Dr.

Cerebrospinal fluid sugar levels following intravenous dextrose loading in childhood tuberculous meningoencephalitis treated with ACTH. Orv. hetil. 100 no.9:328-332 1 Mar 59.

1. Szabolcs-Szatmar Megyei Tanacs Koshaza, Nyiregyhaza (igazgato-fiorvos: Banko Laszlo dr.) Gyermek-tbc Osztalya (fiorvos: Loos Tibor dr.) kozlemenye.

- (TUBERCULOSIS, MENINGEAL, in inf. & child
meningoencephalitis in child., eff. of ACTH ther. on CSF
sugar levels following intravenous glucose loading (Hun))
- (ACTH, ther. use
meningoencephalitis in child., tuberc., eff. on CSF sugar
levels following intravenous glucose loading (Hun))
- (CEREBROSPINAL FLUID, in various dis.
meningoencephalitis in child., tuberc., eff. of ACTH ther.
on CSF sugar levels following intravenous glucose loading
(Hun))
- (GLUCOSE, in csf
eff. of ACTH ther. in tuberc. meningoencephalitis in child.
on CSF sugar levels following intravenous glucose loading
(Hun))

LOOS, Tibor, dr.

Diagnostic application of I.V. Na-fluorescein in tuberculous meningitis in children. Tuberkulozis 16 no.7:198.202 J1 '63.

1. A Szabolcs-Szatmár megyei Tanács Kórhaza (igazgató-őorvos: Lengyel Ferenc dr.) Gyermek-tudó Osztályának (őorvos: Loos Tibor dr.) Nyiregyháza, közleménye.
(TUBERCULOSIS, MENINGEAL) (FLUORESCENCE)
(SODIUM) (CEREBROSPINAL FLUID)
(TUBERCULIN REACTION) (FLUORESCENCE)

2003, 7/13/02

11

[illegible]

LOOS, Yu.A.

Geology of the Kanelovskiy structural salient based on seismic
prospecting data. Geol. nefti i gaza 4 no.9:47-51 S '60.
(MIRA 13:8)

1. Test Krasnodarneftegeofizika.
(Caucasus, Northern—Geology)

LOOSALU, Ya. Yu.

Prospects for growing sugar beet seedlings. Sakh.prom. 35
no.6:51-53 Je '61. (MIRA 14:6)

1. Mezhotnenskaya selektsionno-opytnaya stantsiya.
(Sugar beets)

LOOSE, E.

Photographic cameras with reflecting mirror. p. 1043.

METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industriei Metalurgice si Constructiilor de Masini si Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania) Bucuresti, Rumania. Vol. 5, no. 12, Dec. 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 6, June 1959

Uncl.

OYKS, G.N.; LOOZE, K.

Sulfur oxidation in an oxygen-blown converter process. 137.
vys. ucheb. zav.; Chern. met. 7 no.7:58-62 '64 (MIRA 17:8)

1. Moskovskiy institut stali i splavov.

LOOZE, K.; OYKS, G.N.

Sulfur oxidation in the acid converter process. Izv. vys. ucheb.
zav.; chern. met. 6 no.7:70-75 '63. (MIRA 16:9)

1. Moskovskiy institut stali i splavov.
(Bessemer process) (Desulfuration)

1 11356-65 EWT(m)/BPF(c)/EPR/EWP(j)/T/EWP(w)/EWP(t)/EWP(b) Pc-4/Pr-4/Ps-4
SSD/AFWL/ASD(d) JD/WH/DJ/EM S/0314/64/000/003/0018/0020
ACCESSION NR: AP4046170

AUTHOR: Kozulin, N. A. (Doctor of technical sciences, Professor); Lopachenok, B. Ya.
(Engineer)

TITLE: Investigation of the friction of fluoroplast-4 and low-pressure polyethylene on
steel at high sliding rates

SOURCE: Khimicheskoye i neftyanoye mashinostroyeniye, no. 3, 1964, 18-20

TOPIC TAGS: polyethylene, fluoroplast, friction, friction measurement, plastic steel
friction, lubricant

ABSTRACT: The behavior of fluoroplast-4 and low-pressure polyethylene under conditions
of sliding friction against steel lubricated with either mineral oil or distilled water was
investigated using a B-4A friction machine based on the principles of A. K. Zaytsev
(see Fig. 1 of the Enclosure). Cylindrical samples of polymer, 5 mm in diameter, were
fixed on the rotating spindle of the machine and a 40Kh-steel ring was pressed against the
samples at loads varying from 0.88 to 28.0 kg. The testing technique is described in detail
and the results of tests at sliding rates of 0.2-5.0 m/sec. and temperatures of 293-370K
are presented. As shown in Figs. 2 and 3 of the Enclosure, the results confirm the validity

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ACCESSION NR: AP4046170

of the Coulomb-Amonton law for the friction of these materials:

$$R_{\mu} = A + \mu N,$$

(1)

where R_{μ} is the frictional force, A is a coefficient depending on the adhesion of the surfaces, μ is the coefficient of friction and N is the compressive force. The results also show that fluoroplast-4 and low-pressure polyethylene are suitable for use under conditions where they come into contact with steel. Orig. art has: 6 figures and 10 formulas.

ASSOCIATION: Leningradskiy tekhnologicheskii institut im. Lensovet (Leningrad Institute of Technology)

SUBMITTED: 00

ENCL: 03

SUB CODE: MTMM

NO REF SOV: 001

OTHER: 000

Card 2/5

L 11356-65
ACCESSION NR: AP4046170

0
ENCLOSURE: 01

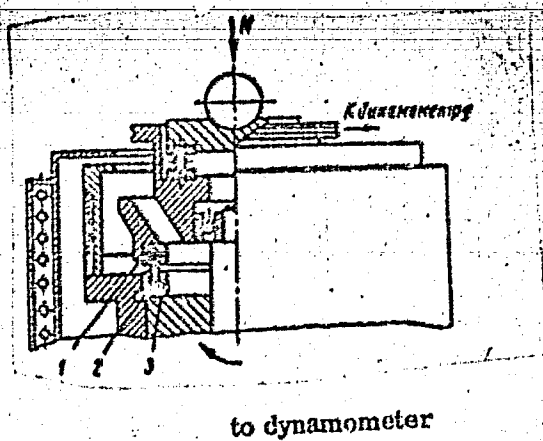


Fig. 1. Diagram of B-4A friction machine.
1 - ring of 40kh steel; 2 - cylindrical sample; 3 - holders.

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L 11356-65
ACCESSION NR: AP4046170

ENCLOSURE: 02

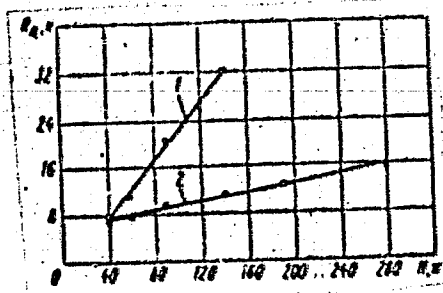


Fig. 2. Change in friction μ with increase in load N for fluoroplast-4 and steel at 313K and a sliding rate of 1 m/sec:
1 - lubricated with distilled water; 2 - lubricated with mineral oil.

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L 11356-65
ACCESSION NR: AP4046170

ENCLOSURE: 03

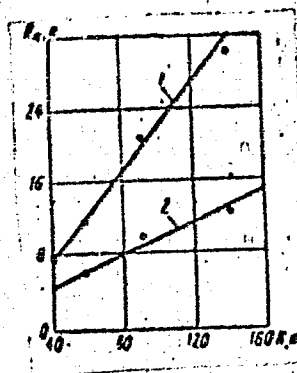


Fig. 5. Change in friction $R\mu$ with increase in load N for low-pressure polyethylene and steel at 313K and a sliding rate of 1 m/sec: 1 - lubricated with distilled water, 2 - lubricated with mineral oil.

Card 5/5

KOZULIN, Nikolay Alekseyevich. [?]
MIRZAYEV, R.G., [?].

[Plastics as material for the manufacture of gas turbine
rings] Plastmassy kak material dlya izgotovleniya
kolets. Leningrad, 1963. 21 p. (1963-17:17)

KOZULIN, N.A., doktor tekhn.nauk, prof.; LOPACHENOK, B.Ye., inzh.; SHAPIRO,
A.Ya., dotsent

Investigating the effect of sliding speed on the coefficient of
friction for plastics. Vest.mashinost. 45 no.3:50-52 Mr '65.
(MIRA 18:4)

KULLE, P.A.; LOPACHENOK, L.V.

Automation of the process of drying of salts in an apparatus
with a fluidized bed. Khim.prom. no.11:805-808 N '62.
(MIRA 16:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut 'galurgii.
(Salts--Drying) (Fluidization)
(Automatic control)

KULLE, P.A., doktor tekhn.nauk; LOPACHENOK, L.V.

Automatic control of a fluidized-bed unit for drying potassium
chloride. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i
tekh.inform. no.2:16-18 '63. (MIRA 16:2)
(Potassium chloride--Drying) (Automatic control)

KULLE, P.A.; LOPACHENOK, I.V.

Electron modeling of automatic control systems for dryers with
fluidized bed. Khim.prom. 41 no.8:402-415 8p '65.

(MIRA 18:8)

LOPACIUK, S.; PANASEWICZ, J.

Effect of factors inducing shock and of deep hypothermia on dynamics of venous circulation. Acta physiol. polon. 8 no.3:429-432 1957.

1. Z Zakladu Fizjopatologii Instytutu Hematologii w Warszawie Kierownik Zakladu: kand. nauk med. J. Panasewicz Dyrektor Instytutu: doc. dr A. Trojanowski.

(HYPOTHERMIA, effects,

on venous pressure in animals (Pol))

(SHOCK, EXPERIMENTAL,

eff. of shock-inducing substances on venous pressure in animals (Pol))

(BLOOD PRESSURE, physiology,

eff. of hypothermia & shock-inducing substances on venous pressure in animals (Pol))

PANASEWICZ, Jozef; LOPACIUK, Stanislaw

Venous circulatory dynamics during histamine and hemolytic shocks
in splenectomized cats. Polskie arch. med. wewn. 29 no.3:384-387 1959.

1. Z Zakladu fizjopatologii Kierownik: kand. n. med. J. Panasewicz
Instytutu Hematologii w Warszawie Dyrektor: doc. dr med. A. Trojanowski.
Adres autora: Warszawa, ul. Chocimska 5, Instytut Hematologii.

(BLOOD PRESSURE, physiol.

venous pressure in histamine & hemolytic shocks in
splenectomized cats (Pol))

(SPLEEN, eff. of excis.

on venous pressure in histamine & hemolytic shocks in
cats (Pol))

(SHOCK, exper.

venous pressure in histamine & hemolytic shocks in splenec-
tomized cats (Pol))

LOPACIUK, Stanislaw; JANKOWSKA, Elzbieta; PANASEWICZ, Jozef

Studies on the fixation of recently acquired memory in rats
exposed to the effect of deep hypothermia or electric shock.
Acta physiol.polon.11 no.4:529-534 '60.

1. Z Zakladu Fizjopatologii Instytutu Hematologii w Warszawie
Kierownik: dr. J.Panasewicz; z Zakladu Neurofizjologii Instytutu
Biol. Dosw. im. Nenckiego w Warszawie Kierownik: prof. dr.
J. Konorski.

(MEMORY)

(COLD)

(STRESS)

PANASEWICZ, J.; LOPACIUK, S.

On protective effects of 5-hydroxytryptamine (serotonin) in
lethal-dose roentgen irradiation of mice. Acta physiol. polon.
11 no 5/6:856-858 '60.

1. Z Instytutu Hematologii w Warszawie, Dyrektor: doc.
A Trojanowski. Z Zakładu Fizjopatologii, Kierownik: dr
J. Panasewicz.

(SEROTONIN pharmacol)
(RADIATION PROTECTION)

PANASEWICZ, Jozef; LOPACIUK, Stanislaw; LUBIARZ, Feliks

Studies on the role of 5-hydroxytryptamine (serotonin) in the pathogenesis of hematological disorders during the course of acute irreversible radiation sickness. Polski tygod. lek. 16 no.33:1270-1274 14 Ag '61.

1. Z Zakladu Fizjopatologii; kierownik: dr med. J. Panasewicz, Instytutu Hematologii w Warszawie; dyrektor: doc. dr med. A. Trojanowski.

(SEROTONIN blood) (RADIATION INJURY blood)

LOPACIUK, Stanislaw; KOTELBA-WITKOWSKA, Barbara; MAJDA, Aleksander

Thromboelastographic studies on packed platelets preserved by various methods. Pol. tyg. lek. 17 no.40:1537-1542 1 0 '62.

1. Z Oddzialu Chorob Wewnetrznych i Pracowni Biochemii Klinicznej;
kierownik: dr med. S. Pawolski oraz z Dzialu Dawcow i Konserwacji
Krwi; kierownik: dr med. A. Majda i z Instytutu Hematologii w
Warszawie; dyrektor doc. dr med. A. Trojanowski.

(THROMBOELASTOGRAPHY) (BLOOD PLATELETS)
(BLOOD PRESERVATION)

DAROCHA, Tadeusz; KOSCIELAK, Jerzy; LOPACIUK, Stanislaw

Studies on the mechanism of blood coagulation disorders in jaundice. The lack of effect of bilirubin sulfate on serum prothrombin time. Acta physiol. pol. 14 no.1:65-68 '63.

1. Z Instytutu Hematologii w Warszawie Dyrektor: doc. dr A. Trojanowski.

(PHARMACOLOGY) (BILIRUBIN)
(PROTHROMBIN TIME) (JAUNDICE)

LOPACIUK, Stanislaw

Role of blood platelets in hemostasis. Pol. arch.med.wewnet.
33 no.12:1409-1414 '63.

1. Z Oddzialu Wewnetrznego i Pracowni Biochemii Klinicznej
Instytutu Hematologii; kierownik: doc.dr.med.S.Pawelski.

*

DAIACENKO, K.I., Ygor; IOPACIUK, Stanislav.

Comparative studies on the blood coagulation system and fibrinolysis in the blood collected from varicose veins and from the ulnar vein in the varicose vein syndrome of lower extremities. Dokl. Vys. shk. 19 no.7:241-244 10 P '64.

I. S. Oddzialu Chirurgicznego (kierownik: doc. dr med. A. Trojanowski) i z Oddzialu Chorob Wewnetrznych, (kierownik: doc. dr med. S. Paclak) Instytutu Hematologii, w Warszawie.

LOPACIUK, Stanislaw

The blood coagulation system in female carriers of hemophilia A and B. Pol. arch.med.wewnet. 34 no.2:165-174 '64

1. Z Oddzialu Chorob Wewnetrznych i Pracowni Biochemii Klinicznej Instytutu Hematologii w Warszawie;kierownik: doc.dr. med. S.Pawelski.

*

LOPACIUK, Stanisław; NABEOWNIENKA, Angela; CZAJA, Hanna; MALEWSKA, Irena;
MALEWSKI, Stanisław:

Pseudoherophilid associated with a syndrome of immunohematological reactions. Pol. arch. med. wewnet. 34 no.52631-536 '64

1. Z Oddziału Chorob Wewnętrznych i Pracowni Biochemii Klinicznej Instytutu Hematologii w Warszawie (Kierownik: doc. dr. med. S. Pawełski) oraz Zakładu Serologii (p.o. Kierownika: lek. I. Małowska).

USZYNSKI, Leszek; LOPACIUK, Stanislaw; BLASZCZYK, Jan

A circulating anticoagulant in systemic lupus erythematosus.
Pol. arch. med. wewnet. 35 no.2:255-260 '65

1. Z Oddzialu Chorob Wewnetrznych i Pracowni Biochemii Klinicznej (Kierownik: doc. dr. med. S. Pawelski) oraz z Oddzialu Hematologicznego Instytutu Hematologii w Warszawie (Kierownik: prof. dr. med. W. Lawkowicz).

ZYWICKA-LOPACIUK, Halina; LOPACIUK, Stanisław; SZCZEPANSEKI, Maciej;
PAWELSKI, Sławomir

Embolism of the aortic bifurcation treated with thrombolytic
drugs. Pol. arch. med. wewn. 35 no.6:911-914 '69.

1. Z Oddziału Chorób Wewnętrznych i Pracowni Biochemii Klinicznej (Kierownik: doc. dr. med. S. Pawełski) oraz z Oddziału Chirurgicznego Instytutu Hematologii w Warszawie (Kierownik: doc. dr. med. A. Trojanowski [deceased]).

NALECHYŃSKA, Angela; LOBASTIK, Stanisław; PAWELSKI, Sławomir

Effect of adrenalectomy on the level of factor VIII (FVIII) in
normal subjects. Pol. Arch. Med. Wewn., 35 no. 6:207-213
1965.

1. Z Kliniki Chorob Wewnętrznych i Pracowni Biochemii Kli-
nicznej Instytutu Hematologii (Kierownik: doc. dr. med. S.
Pawelski).

LOPADZE, TN
B

Dependence of Applied Force on Rate of High-Speed Cutting of Metals. (In Russian.) T. N. Lopadze and A. I. Betaneli. *Stanki i Instrument (Machine Tools and Equipment)*, v. 21, May 1950, p. 10.

Dependence of cutting force on cutting rate and on lead angle of cutting tool was investigated. Influence of cutting rate is explained on the basis of its temperature effect on cutting and on rate of deformation. Data are charted.

ASM LOPADZE, T.N.

245-G. Cutting Force During the
Formation of Metallic Chips. (In Rus-
sian) T. N. Lopadze, *Blanki i Instru-*
ment, v. 22, Sept. 1951, p. 15-16.
Equations are developed to ex-
press cutting force. (G17)

LOPADZE, T.N.

BETANELI, Archil Iosifovich,; LOZINSKIY, M.G., doktor tekhn. nauk, retsenzent,;
LARIN, M.N., doktor tekhn. nauk, prof., retsenzent,; LOPADZE, T.N.,
kand. tekhn. nauk, dots., red.; EL'KIND, V.D., tekhn. red.

[Hardness of steel and hard alloys at high temperatures] Tverdost'
stalei i tverdyykh splavov pri povyshennykh temperaturakh. Moskva,
Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1958. 94 p.
(MIRA 11:12)

(Steel--Testing)
(Alloys--Testing)
(Metals at high temperatures)

Lopakha, A.A.

USSR:

✓ Nitrogen balance in dysentery in very young children. V. N. Ohtserova and A. A. Lopakha (Leningrad Pediat. Med. Inst.). *Pediatrya* 1957, no. 6, 85-9. -- The N balance is definitely neg. in the early stage of the acute form of the disease. With improvement of the general condition the N balance becomes pos. The principal cause of the neg. balance is insufficient protein intake and heavy losses via the digestive tract. In the initial stage of the disease almost equal amts. of N are eliminated by urinary and fecal routes. In the later stages the former predominates. In the urine the proportion of NH₄ is above normal, that of urea is subnormal. Excretion of amino acids and creatinine is above normal. G. M. Kozlovskii.

LOPAKIN, V.; RYABKOVA, S.; PAVLOV, V.; VASYUKOV, N., mekhanik

The communist labor movement. Den.1 kred. 21 no.2:51-56 P '63.
(MIRA 16:2)

1. Predsedatel' mestnogo komiteta Saratovskoy kontory Gosbanka (for Lopaksin).
2. Zamestitel' upravleyayushchego Nizhne-Tagil'skim otdeleniyem Gosbanka (for Ryabkova).
3. Starshiy inzh. Cherkasskoy oblastnoy kontory Gosbanka (for Pavlov).
4. Cherkasskaya oblastnaya kontor Gosbanka (for Vasyukov).
(Banks and banking) (Socialist competition)

LOPALEWSKI, A.

Scientific-technical associations and technology and rationalization clubs.
p. 517.

PRZEGLAD MECHANICZNY. (Stowarzyszenie Inzynierow i Technikow Mechanikow
Polskich) Warszawa, Poland, Vol. 18, no. 16, Aug. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

LOPALEWSKI, Andrzej

On the patent office. Przegl techn no.11:9 18 Mr '62.

LOPALEWSKI, Andrzej, inz.

Patents are telling about us. Przegl techn 84 no.14:3 7 Ap '63.

207111

27-7-17/37

AUTHOR: Lopan, A., Deputy-Director for Industrial Training at Technical School # 5 (Stupino)

TITLE: A Lesson in Industrial Training (Urok proizvodstvennogo obucheniya)

PERIODICAL: Professional'no - Tekhnicheskoye Obrazovaniye, 1957, # 7(146) pp 20-21 (USSR)

ABSTRACT: The author describes in detail a lesson in surface scraping given by the foreman of a group of fitters. The plate to be scraped is placed on a level plate covered with blue paint and pushed back and forth making the convexities visible. The plate is then put into a vice and the paint-marked convexities are removed with a flat, wide scraper.

ASSOCIATION: Technical School # 5, Stupino (Tekhnicheskoye uchilishche # 5, Stupino)

AVAILABLE: Library of Congress

Card 1/1

AUTHOR: Lopan', V.R.

SOV/115-58-1-33/50

TITLE: An Electrodynamic Ammeter for High-Frequency Currents
(Elektrodinamicheskii ampermetr dlya izmereniya tokov
vysokoy chastoty)

PERIODICAL: Izmeritel'naya tekhnika, 1958, Nr 1, pp. 71-74

ABSTRACT: The described electrodynamic ammeter for measuring currents from 5 to 100 ampere in a frequency range between 1 and 100 megacycles, based on the pendulum principle, is being developed by the All-Union Scientific Research Institute of Physical and Radio Measurements (VNIIFTRI) for state control tests of ammeters of high frequency. It has been used for testing thermoammeters ("T-12", "T-4", and "T-5") and for investigation of the frequency errors of high-frequency current transformers. Its error does not exceed 1%. The article gives detailed information on the principle of operation design, as well as the theoretic basis of the instrument. There is 1 diagram, 1 photograph, 1 table and 4 Soviet references.

1. Ammeters--Development 2. Ammeters--Operation 3. Ammeters--Applications
4. Ammeters--Performance

Card 1/1

LOPAN', V.R.

В. В. Гринин

Исследования по исследованию влияния добротности колебательных контуров в форме брусков

В. А. Фомин

О влиянии колебаний в субгетто резонансов на частоту частоты колебательных контуров

В. В. Калашин

Измерение добротности колебательных контуров по толщине резонансов

А. Я. Яковлев

Определение частоты колебательных контуров по толщине резонансов

Г. А. Виллямов

Исследования стабильности колебательного контура по колебательным процессам

9 июня
(с 18 до 22 часов)

А. Г. Виноградов

Исследования колебательных контуров по толщине резонансов

20

В. В. Гринин

Гибкость для колебательных контуров по частоте до 100 МГц

А. Я. Фомин

В. В. Калашин

Исследования влияния колебаний на частоту колебательных контуров в диапазоне частот от 100 до 1000 МГц

В. В. Калашин

Измерение влияния колебательных контуров на частоту колебательных контуров

В. В. Гринин

Измерение влияния колебательных контуров на частоту колебательных контуров

В. В. Калашин

Устройства для колебательных контуров ГСС по толщине колебательных контуров в диапазоне частот от 0.1 до 1000 МГц

10 июня
(с 10 до 15 часов)

report submitted for the Centennial Meeting of the Scientific Technological Society of
Radio Engineering and Electrical Communications in. A. S. Popov (VSEI), Moscow,
6-12 June, 1959

S/194/61/000/001/002/038
D216/D304

96000

AUTHOR: Lopan', V.R.

TITLE: Standard electrodynamic ammeter for frequencies up to 100 mc/s

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 1, 1961, 5-6, abstract 1A36 (Tr. in-tov Kom-ta Standartov, mer i izmerit, priborov pri Sov. Min. SSSR, no. 44, (104) 1960, 62-72)

TEXT: A description is given of an electro-dynamic ammeter (A) type 3AA-3 (EDA-3) for measuring currents 5 to 100 amp in the 1 - 100 mc/s frequency range. A is a section of a co-axial line at the inside of which has been placed a s.c. ring fixed by a quartz thread. The current is determined by measuring the period of free oscillation of the ring with respect to its equilibrium position. Equations are devised for the moment of force acting on the ring in the field of co-axial line A and for a constant A relating the current in the co-axial line with the period of oscillation of the ring. ✓ B

Card 1/2

Standard electrodynamic ammeter...

S/194/61/000/001/002/038
D216/D304

The construction of the instrument is described and its bloc diagram is given. The operation of the instrument is discussed and the method of determining the constant A described. The errors introduced by A are analyzed and it is shown that the error of A, checked with the standard A type ЭРА-3 (EDA-3), does not exceed $\pm 1\%$. 5 references. B

Card 2/2

S/194/61/000/009/007/053
D209/D302

AUTHOR: Lopan', V.R.

TITLE: Ammeter for use at frequencies up to 300 mc/s

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 9, 1961, 10, abstract 9 A68 (Tr. In-tov Kom-ta standartov, mer i izmerit. priborov pri Sov. Min. SSSR, 1960, no. 48 (108), 124-135)

TEXT: An electro-dynamic ammeter developed by VNIIFTRI with a closed free oscillating ring is described. The ranges are: 100 mA to 10 A, frequency range: 1 - 300 mc/s. The error does not exceed $\pm 0.5\%$. In order to increase the sensitivity and stability the ring is placed in a vacuum. To determine the meter constant a specially designed photoammeter with vacuum tubes is applied. The calculation of the meter constant and instrument errors is given. 5 figures. 4 references. [Abstracter's note: Complete translation]

Card 1/1

ACCESSION NR: AT3013120

S/2589/62/000/065/0005/0012

AUTHOR: Lopan', V. R.

TITLE: Electrodynamic meter for current and transmitted power in the meter and decimeter bands

SOURCE: USSR, Komitet standartov, mer 1 izmeritel'ny*kh priborov. Trudy* institutov Komiteta, no. 65, 1962, 5-12

TOPIC TAGS: radio measurement, current measurement, radio frequency ammeter, radio frequency wattmeter, meter band, decimeter band

ABSTRACT: A vacuum electrodynamic measuring instrument (indicator) has been developed at the VNIIFTRI with a current range from 50 mA to 6 A at frequencies up to 300 Mcs and an error smaller than 2.5 per cent, and a transmitted power range from 0.2 to 2500 W at 150 -- 2,000 Mcs with an error smaller than 2.5 per cent. Its operating principle is based on the interaction between two current conducting systems, a transmission line and a short circuited ring suspended in its field. The theory, description, and error analysis of the instrument are presented. Orig. art. has: 2 figures and 13 formulas.

Cord 1/72

ACCESSION NR: AT3013120

ASSOCIATION: VNIIFTRI

SUBMITTED: Jul61

DATE ACQ: 28Oct63

ENCL: 01

SUB CODE: EE

NO REF SOV: 002

OTHER: 001

Card

2/72

LOPAN', V.R.

Errors of an electrodynamic device for measuring current and output power. Trudy inst. Kom. stand., ser 1 izm. prib. no.70:23-40 '63.

(MIRA 18:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut fiziko-tekhnicheskikh i radiotekhnicheskikh izmereniy.

LOPANDIC, D.; ALIMPIC, B.

On certain properties of the hyperspheres inscribed on the
n-dimensional simplexes. Publ Inst math SANU 1(15):117-121
'61 [publ. '62].

KOMISSAROV, A.I., kand. tekhn. nauk, dotsent; LOPANDIN, I.V., assistant

Tension of the thread in the needle of shuttle sewing machines
during the carrying of the thread loop through the fabric.

Nauch. trudy MTILP no.29:190-197 '64.

(MIRA 18:4)

1. Kafedra mashin i apparatov Moskovskogo tekhnologicheskogo
instituta legkoy promyshlennosti.

USSR/Medicine - Veterinary

FD-1287

Card 1/1 : Pub 137-7/20

Author : Lopantnikov, G. I. Veterinary Physician

Title : Results of treatment of lymphangitis in horses

Periodical : Veterinariya, 8-32, Aug 1954

Abstract : Subcutaneous injection of 100cc of blood, taken from one of the horses infected with lymphangitis, into the upper third of the neck of animals affected with the disease resulted in recovery of 6 out of 7 horses thus treated. Local treatment consisted in cauterization of affected areas with copper sulfate. Further experiments must be conducted before this method of treatment of lymphangitis epizootica in horses can be recommended.

Institution : The village of Narynkol, Alma-Atinskaya Oblast

Submitted :

L 36389-66 EWT(1) AT

ACC NR: AP6014038

SOURCE CODE: UR/0056/66/050/004/0975/0978

AUTHOR: Lopantseva, G. B.; Firsov, O. B.

43

B

ORG: none

TITLE: Breakup of fast negative ions in inert gases

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 50, no. 4, 1966, 975-978

TOPIC TAGS: negative ion, atom, inert gas, perturbation theory, elastic scattering, free electron

ABSTRACT: A problem of breakup of weakly bounded negative ions of the first periodic group in inert gases has been analyzed. The perturbation theory with the Fermi potential was applied in the calculations. The breakup cross section for a negative ion was found to be equal to the total elastic scattering cross section for slow free electrons on corresponding atoms of inert gases when the electron velocities are equal to the relative velocity of the colliding atomic systems. Orig. art. has: 2 figures and 6 formulas. [Based on author's abstract]. [NT]

SUB CODE: 20/ SUBM DATE: 14Oct65/ OTH REF: 005

ms
Card 1/1

ALEKSEYEV, G.P.; ANDON'YEV, V.S.; ARNGOL'D, A.V.; BASKIN, S.M.;
 BASHMAKOV, N.A.; BEREZIN, V.D.; BERMAN, V.A.; PIYANOV, T.F.;
 GORBACHEV, V.N.; GRECHKO, I.A.; GRINBUKH, G.S.; GEOMOV, M.F.;
 GUSEV, A.I.; DEMENT'YEV, N.S.; DMITRIYEV, V.P.; DUL'KIN, V.Ya.;
 ZVANSKIY, M.I.; ZENKEVICH, D.K.; IVANOV, B.V.; INYAKIN, A.Ya.;
 ISAYENKO, P.I.; KIPRIYANOV, I.A.; KITASHOV, I.S.; KOZHEVNIKOV,
 N.N.; KORMYAGIN, B.V.; KROKHIN, S.A.; KUDOYAROV, L.I.;
 KUDRYAVTSEV, G.N.; LARIN, S.G.; LEBEDEV, V.P.; LEVCHENKOV,
 P.N.; LEMZIKOV, A.K.; LIPGART, B.K.; LOPAREV, A.T.; MALYGIN,
 G.F.; MILOVIDOVA, S.A.; MIRONOV, P.I.; MIKHAYLOV, B.V., kand.
 tekhn. nauk; MUSTAFIN, Kh.Sh., kand. tekhn. nauk; NAZIMOV, A.D.;
 NEFEDOV, D.Ye.; NIKIFOROV, I.V.; NIKULIN, I.A.; OKOROCHKOV, V.P.;
 PAVLENKO, I.M.; PODROBINNIK, G.M.; POLYAKOV, G.Ya.; PUTILIN, V.S.;
 RUDNIK, A.G.; RUMYANTSEV, Yu.S.; SAZONOV, N.N.; SAZONOV, N.F.;
 SAULIDI, I.P.; SDOBNIKOV, D.V.; SEMENOV, N.A.; SKRIPCHINSKIY, I.I.;
 SOKOLOV, N.F.; STEPANOV, P.P.; TARAKANOV, V.S.; TREGUBOV, A.I.;
 TRIGER, N.L.; TROITSKIY, A.D.; FOKIN, F.F.; TSAREV, B.F.; TSETSULIN,
 N.A.; CHUBOV, V.Ye., kand. tekhn. nauk; ENGEL', F.F.; YUROVSKIY,
 Ya.G.; YAKUBOVSKIY, B.Ya., prof.; YASTREBOV, M.P.; KAMZIN, I.V., prof.,
 glav. red.; MALYSHEV, N.A., zam. glav. red.; MEL'NIKOV, A.M., zam.
 glav. red.; RAZIN, N.V., zam. glav. red. i red. toma; VARPAKHOVICH,
 A.F., red.; PETROV, G.D., red.; SARKISOV, M.A., prof., red.;
 SARUKHANOV, G.L., red.; SEVAST'YANOV, V.I., red.; SMIRNOV, K.I.,
 red.; GOTMAN, T.P., red.; BUL'DYAYEV, N.A., tekhn. red.
 (Continued on next card)

ALEKSEYEV, G.P.---(continued). Card 2.

[Volga Hydroelectric Power Station; a technical report on the design and construction of the Volga Hydroelectric Power Station (Lenin), 1950-1958] Volzhskaya gidroelektrostantsiya; tekhnicheskii otchet o proektirovanii i stroitel'stve Volzhskoi GES imeni V.I.Lenina, 1950-1958 gg. V dvukh tomakh. Moskva, Gosenergoizdat. Vol.2.[Organization and execution of construction and assembly work] Organizatsiya i proizvodstvo stroitel'no-montazhnykh rabot. Red. toma: N.V.Razin, A.V.Arnol'd, N.L.Triger. 1962. 591 p. (MIRA 16:2)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Razin).

(Volga Hydroelectric Power Station (Lenin)---Design and construction)

IOFANEV, I.V.

Method for producing CO₂ used in culturing *Vibrio foetus*. Veterinariia
35 no.10:75 O '58. (MIRA 11:10)

1. Zaveduyushchiy Volchanskoy mezhrayonnoy vetbaklaboratoriyey,
Khar'kovskaya oblast'.
(Carbon dioxide)

LOPAREV, I.V., mladshiy nauchnyy sotrudnik

Aerosol therapy in dictyocaulosis of ruminants. Veterinariia 39 no.7:44-46 J1 '62. (MIRA 17:12)

J. Krymskaya nauchno-issledovatel'skaya veterinarnaya stantsiya.

LOPAREV, I. V. (Junior Scientific Co-Worker, Crimean NIVS)

"Aerosol method of therapy of ruminants in dictiocaulosis"

Veterinariya, vol. 39, no. 7, July 1962 p. 44

L 4258-66 EWT(1)/T/EWA(h) IJP(c) AT/GS/CW

ACC NR: AT 5021837

UR/0000/65/000/000/0090/0100

AUTHOR: Karabash, Ye. D.; Loparev, R. N.; Nikolayev, P. V.; Popov, O. V.;
Sabinin, Yu. A. 55 44 55 44 55 44 55 44

45
B+1

TITLE: Photoelectric slave systems for telescope control made of semiconductor and magnetic components

SOURCE: AN SSSR. Institut elektromekhaniki. Avtomatizirovannyi elektroprivod; sledyashchiye sistemy, upravleniye i preobrazovatel'nyye ustroystva (Automated electric drive; tracking systems, control and converter devices). Moscow, Izd-vo Nauka, 1965, 90-100.

TOPIC TAGS: servosystem, telescope, telescopic equipment, semiconductor device, magnetic circuit

ABSTRACT: After a brief description of photoelectric automatic telescope guidance systems which modulate the light flux by means of half-disk modulators, the authors present the functional diagram, the circuit diagram, and detailed description of the operation of an experimental photoelectric slave system made of semiconductor and magnetic components and used for telescope control. The selection of optimal operating parameters are discussed, the transient processes requiring a correcting loop for stabilization are analyzed, and theoretical estimates of the accuracy of the system are given. The fast determination of the correcting circuit parameters needed for a stable operation of the system is accomplished by electronic modeling. Orig. art. has: 37 formulas and 4 figures.

Cord 1/2

L 1258-65

ACC NR: AT 5021837

ASSOCIATION: None

SUBMITTED: 12Apr65

ENCL: 00

SUB CODE: AA, IE

NO REF SOV: 004

OTHER: 000

Card

2/2 DP

ACC NR: AR6035364

SOURCE CODE: UR/0271/66/000/009/K066/K066

AUTHOR: Sabinin, Yu. A.; Mikolayev, P. V.; Popov, O. V.; Loparev, R. N.; Karabash, Ye. D.

TITLE: Photoelectric servomechanism systems for automatic tracking

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Abs. 9A460

REF SOURCE: Sb. Avtomatizir. elektroprivod. proizv. mekhanizmov. T. 1. M.-L., 1965, 194-200

TOPIC TAGS: servomechanism system, star tracker, photoelectric tracking, tracking control, astrophysics-instrument, light modulator, astronomical telescope, tracking telescope, photomultiplier / FEU-64 photomultiplier

ABSTRACT: The authors present the operating principle and the characteristics of a light-flux modulator for a modern astrotelescope. It is noted that the use of a light-flux modulator and a photomultiplier of the FEU-64 type ensures stable tracking of stars of ninth - tenth magnitude. In order to ensure constancy of the error signal for identical displacements from the optical axes of stars of different magnitude, use is made of the so-called derivative control of the system. In this case the system maintains a constant average photomultiplier current independently of the brightness of the star. The functional diagram of the system of photoelectric tracking by the telescope is considered, and the possibility of its analysis by method of mathematical simulation is discussed. It is indicated that the developed tracking systems are being introduced in the observatories of AN SSSR, thus greatly facilitating the labor

UDC: 62-5: 629.13: 621.396.988

Card 1/2

ACC NR: AR6035364

of the astronomers and raising the quality and accuracy of the observations. 3 illustrations. V. M. [Translation of abstract]

SUB CODE: .09, 03

Card 2/2

BRONSHTEYN, A.P.; LOPAREV, V.G.; SYREYSHCHIKOV, V.V.; ZHARNOKH, A.M.

Production of ammonium sulfate of prescribed quality. Koks i
khim. no.7:42-44 J1 '61. (MIRA 14:9)

1. Chelyabinskiy metallurgicheskiy zavod.
(Chelyabinsk--Ammonium sulfate)

KAGASOV, V.M.; KHOLOPTSEV, V.P.; NEMIROVSKIY, N.Kh.; LOPAREV, V.G.;
KHARLAMPOVICH, G.D., kand.tekhn.nauk

Separate recovery of ammonia and pyridine bases from coke-oven
gas. Koks i khim. no.6:32-35 '60. (MIRA 13:7)

1. Chelyabinskiy metallurgicheskiy zavod (for all except Khar-
lampovich). 2. Ural'skiy politekhnicheskiy institut (for Khar-
lampovich).

(Coke-oven gas) (Ammonia) (Pyridine bases)

AUTHOR: Lomarev, Ya. P., Chief Engineer of the SOV/6-58-9-13/26
Yakutskoye ASP

TITLE: On the Stability of Ground **Bench Marks** in Areas With
Perennially Frozen Ground (Ob ustoychivosti gruntovykh
reperov v rayonakh mnogoletney merzloty)

PERIODICAL: Geodeziya i kartografiya, 1958, Nr 9, pp 65 - 68 (USSR)

ABSTRACT: Letter to the editor.
In 1957 three experimental stations for the control
of the stability of ground **bench marks** were established by
the Yakutskoye aerogeodezicheskoye predpriyatiye
(Yakutsk Aerial Surveying Authority) owing to directions
by the TsNIIGAIK. Two of these stations are located
within the **area** of the merzlotnaya stantsiya AN SSSR
(Frozen Soil Station AS USSR) in the vicinity of the
town of Yakutsk whereas the third is located near the
settlement Pokrovskoye, at a distance of 800 km from
Yakutsk. The **bench marks** were placed in drilling holes
or in pits at a depth of 3-4 m (thawing not going below
2 m). Apart from these **bench marks** pipes containing
thermometers were inserted to a greater depth, down to

Card 1/2

On the Stability of Ground ~~Bench Marks~~ in Areas With
Perennially Frozen Ground

SOV/6-58-9-13/26

13 m. The elevations between the ~~bench marks~~ were determined by second-grade leveling. From 1953 to 1956 three levelings were made per year, from 1957 only two per year. At present the information available does not permit to pass a final judgement, it is, however, clear that the ~~bench marks~~ in Pokrovskoye have shifted in height. There are 2 tables.

ASSOCIATION: Yakutskoye aerogeodezicheskoye ~~profpriyatiye~~ (Yakutsk
Aerial Surveying Authority)

Card 2/2

TERSKIKH, I.I.; CHERVONSKIY, V.I.; KAREVA, M.P.; DORMIDONTOV, R.V.;
GROMYKO, A.I.; OBUKHOVSKAYA, N.M.; KOZLYAKOVA, A.I.; TAZULAKHOVA,
E.B.; Prinimali uchastiye: KUZNETSOVA, T.M., vrach; LOPAROVA, L.M.,
vrach

Natural and secondary focus of ornithosis in the Zavidovo District
of Kalinin Province. Vop.virus 7 no.4:93-99 J1-Ag '62.

(MIRA 15:8)

1. Institut virusologii imeni D.I.Ivanovskogo AMN SSSR, Moskva
(for Terskikh, Chervonskiy, Kareva, Dormidontov, Gromyko, Obukov-
skaya, Kozlyakova). 2. Kalininskaya oblastnaya sanitarno-epidemiolo-
gicheskaya stantsiya (for Kuznetsova, Loparova).

(ZAVIDOVO DISTRICT (KALININ PROVINCE—ORNITHOSIS)

LOPASHEV, D. Z.

"On the Use of Sound Level Meters for Loudness Level Measurements."

paper presented at the 4th All-Union XConf. on Acoustics, Moscow, 26 May - 2 Jun 58.

SOV/115-59-5-25/27

24(1)

AUTHOR: Lopashev, D.Z.

TITLE: Calibration of Objective Noise Meters for "Types" of Noise

PERIODICAL: Izmeritel'naya Tekhnika, 1959, Nr 5, pp 56-59 (USSR)

ABSTRACT: The author describes the method to measure the so-called level sound (in decibels) of the Fletcher-Manson system. There are 1 diagram, 6 graphs and 1 Soviet reference.

Card 1/1

LOPASHEV, D. Z., Cand Tech Sci -- (diss) "Research into objective methods of measurements of broad-band sounds." Moscow, 1960. 12 pp; (Committee of Standards, Measurements and Measuring Instruments under the Council of Ministers USSR, All-Union Scientific Research Inst of Metrology in D. I. Mendeleev -- VNIIM); number of copies not given; price not given; (KL, 21-60, 124)

LOPASHEV, D.Z.

Using audiometers in measuring the degree of noise loudness. Trudy
inst.Kom.stand, mer 1 izm.prob. no.45:5-22 '60. (MIRA 14:1)
(Noise---Measurement)

LOPASHEV, D.Z.

Studying the sound field in a large measuring basin. Trudy
inst. Kom. stand., mer i izm. prib. no. 78:31-40 '63.
(MIRA 17:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut fiziko-
tekhnicheskikh i radiotekhnicheskikh izmereniy.

LOPASHEV, D.Z., inzh.

Acoustical control in construction. Standartizatsiya 29
no. 11:57-58 N '65 (MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut fiziko-
tekhnicheskikh i radiotekhnicheskikh izmereniy.

L 06279-67 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(l) RH

ACC NR: AP6025070

(A)

SOURCE CODE: UR/0115/66/000/006/0008/0012

AUTHOR: Osipov, G. L.; Lopashev, D. Z.; Fedoseyeva, Ye. N.

ORG: none

TITLE: Methods for measuring noise characteristics of machinery

SOURCE: Izmeritel'naya tekhnika, no. 6, 1966, 8-12

TOPIC TAGS: acoustic measurement, acoustic noise, machine noise

ABSTRACT: A new Soviet Standard, GOST 11870-66 "Machinery. Noise characteristics and methods of determining them" is described; the Standard was approved by the Committee for Standards, Measurements and Instruments early in 1966. Noise levels produced by a machine (of other equipment) in air within octave bands with geometric-mean frequencies of 63, 125, 250, 500, 1000, 2000, 4000, 8000 cps, noise directional pattern, and noise-power level constitute the principal noise characteristics of the machine (equipment). Four methods of determining noise characteristics are established: (a) in a free sound field, in anechoic sound chambers, in rooms having sound absorption, or outdoors; (b) in a reflected sound field, in reverberation chambers, or in resonating rooms; (c) in ordinary rooms by means of a reference noise source; (d) at 1 m from the outer surface of the machine. The four methods of noise measurement are specified in detail. Desirability of manufacturing noise meters, octave filters, measuring

Card 1/2

UDC:534.837.083

L 06779-67

ACC NR: AP6025070

microphones, analyzers, level recorders, "whose industrial production on a required scale does not exist at present", is noted. Orig. art. has: 3 figures, 10 formulas, and 2 tables.

SUB CODE: 20 / SUBM DATE: none

Card 2/2 *esp*

LOPASHOV, G. V.

"Eye Inducing Substances." (p. 463) by Lopashov, G. V.

SO: Biological Journal (Biologicheskii Zhurnal) Vol. V, 1935, No. 3

LOPASHOV, G.

"The Study of nervous functions by means of Transplantation of Brain "Einlagen" between different Species of amphibia", (p. 559) by Lopashov, G.

SO: Advances in Contemporary Biology (USPEKKI SOVREMENNOI BIOLOGII) Vol. V, No. 3 1936

LOPASHOV, G. V.

"Autonomous Alterations of Cells in Embryogenesis" (p. 361) by Lopashov, G. V.

SO: Advances in Contemporary Biology, (Uspekhi Sovremennoi Biologii), Vol. X, No. 2,
1939

BC

Character of cell changes in neural plate induction. G. V. LOPASCHOV (Compt. rend. Acad. Sci. U.R.S.S., 1939, 24, 203-206).—In *Pleurodeles waltli*, *Triton vittatus*, and *Ambystoma mexicanum* at low temp., ectoderm *in vitro* at the gastrula stage loses its aptitude to develop into neural fold derivatives. W.F.F.

ca

11F

PROCESSES AND PROPERTIES

The significance of chemical inductor substances in development, their specificity and conditions of their manifestation. G. V. Lopashov. *Advances in Modern Biol.* (U. S. S. R.) 16, 353-84(1943).—A review on biol. and chem. inductors in biol. development of numerous types. Over 100 references. G. M. Kosolapoff

ASSOCIATE METALLURGICAL LITERATURE CLASSIFICATION

STONY BROOK

1943

LOPACHIN, G. V.

"Cannibalism of Development and the Influence of Lenin's Theory" (from 1971)
by Madhuprat, Gopal K. (Cannibalism) (Cannibalism, V. 150, No. 3/11, p. 502-515, 11 (1971))
Translated by Lozavsky, G. V.

SO: Advances in Modern Biology (Unpublished Source: 1971), Vol. 11, 11, No. 2

LOPASHOV, G. V.

"The Basic Mechanism of Feather Pattern Formation." (p. 121) by Lopashov, G. V.

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologii) Vol. XX, No.1, 1945.

LOPASHOV, G. V.

"The Sources of the Origin of Tissues in the Vertebrate Embryogenesis." (p. 155) by
Lopashov, G. V. (Moscow)

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologii) Vol. 20, No.2, 1945.

LOPASHOV, G. V.

Mbr., Inst. Exptl. Biology, -1939-;

Mbr., Inst. Cytology, Histology, & Embryology, Acad. Sci., 1941-c49-.

Mbr., Inst. Animal Morphology im. A. N. Severtsov, Acad. Sci., -c1950-.

"On Some Simplest Processes of Organization of Eye and Brain Rudiments in Urodelan Embryos," *ibid.*, 48, No. 8, 1945;

"Transplantation of Components of Ovocyte Nuclei in Fertilized Newt Eggs," *ibid.*, 52, No. 4, 1946;

"Mechanisms for the Formation of Cell Types," *Uspekhi Sov. Biol.*, 24, No. 3, 1947;

"The Importance of the Mesenchymal Membranes in the Growth of the Eyes in Amphibians," *Dok. AN*, 60, No. 7, 1948;

"Possibility of Autogenesis in a Developing Cellular System," *Zhur. Obshch. Biol.*, 9, No. 1, 1948;

1ST AND 2ND CIPHERS																										3RD AND 4TH CIPHERS																									
PROCESSING AND PREPARATION INDEX																																																			
CA																										11A																									
Possibilities of self-oriented evolution of cell systems G. V. Lopashov. <i>Zhur. Obshch. Biol. (J. Gen. Biol.)</i> 9, 3-12 (1948). -- Some features of mol. configuration in pro- teins and other macromols. of ectoplasm, protoplasm, and cytoplasm are reviewed. R2 references. J. E. S.																																																			
458-55A METALLURGICAL LITERATURE CLASSIFICATION																																																			

FA76T81

LOPASHOV, G. V.

Jun 1948

USSR/Medicine - Eyes

Medicine - Mesoderm and Mesodermal Tissue

"The Importance of the Mesenchymal Membranes in the Growth of the Eyes in Amphibians," G. V. Lopashov, Inst of Cytol, Histology, and Embryol, Acad Sci USSR, 32 pp

"Dok Ak Nauk SSSR" Vol LX, No 7

Describes experiments that permit better understanding of effect of mesenchyme on development of eyes and their regeneration. Submitted Mar 1948.

76T81

LOPASHOV, G. V.

PA 11/49T69

USSR/Medicine - Eyes
Medicine - Histology

Jul 48

"The Role of Lenses and Conjunctiva on the Formation of Eyes in Amphibia," G. V. Lopashov, Inst Cytol, Histology and Embryol, Acad Sci USSR, 4 pp

"Dok Ak Nauk SSSR" Vol LXI, No 3

Reports experiments on common triton, axolotl, gray frogs, and green toads. Eye formation is basically similar in all four species. Submitted 10 May 48.

11/49T69

LOPASHOV, G. V.

"Comparative Analysis Of The Processes Of Evolution In Unicellular Organisms." (p. 345)
by Lopashov, G. V. (Moscow)

SO: PROGRES OF CONTEMPORARY BIOLOGY (Us. Sovrem. Biol) Vol. XXVII 1949, No. 3, May-June

27

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Development of immunological reactions and problems of
incompatibility between tissues and transplants. G. V.
Lopashov and O. G. Stroeve. *Uspekhi Sovremennoi Biol.*
30, 234-57(1981).—The cytological basis of immunology.
Action of phagocytes, influence of cell proteins, and effects
of antigens in animals and man are reviewed. 85 references.
Julian F. Smith

1951

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USSR/Biology - Regeneration of Organs May 51

"Regeneration of Organs," G. V. Lopashov,
Cand Biol Sci

"Nauka i Zhizn" Vol XVIII, No 5, pp 26, 27

With intention of ultimately using results in human medicine, expts on regeneration of cyst lenses, corneas, and eardrums of frogs and other amphibians by transplanting the skin of larvae were successfully performed. By using skin of embryos, corneas of rats were partially restored in work done at the Inst of Animal Morphol, Acad Sci USSR (V. V. Popov, T. A.

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(Contd)

Bednyakova, T. G. Belyayeva). Bednyakova found that skin preserved at +4 - +60 in blood serum was just as good for the purpose as fresh skin.

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